

Late and final Mesolithic lithic assemblages from Westphalia and Brandenburg – a comparison

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(Berlin)

Collectors, excavators and authors

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Heisterbrink – Meise, Dieckmann, Schwanold

Bokel Fenn I and II – Hermann Dieckmann

Vreden – Bernhard Stapel

Netphen – H. Baldsiefen, Michael Baales, Ingrid Koch

Friesack 4 – Bernhard Gramsch

Platkow 13 – Maha Ismail-Weber

Researchers

Lessmanns Berg – Nele Schneid, Annabell Zander,
and Birgit Gehlen

Heisterbrink – Werner Schön and Birgit Gehlen

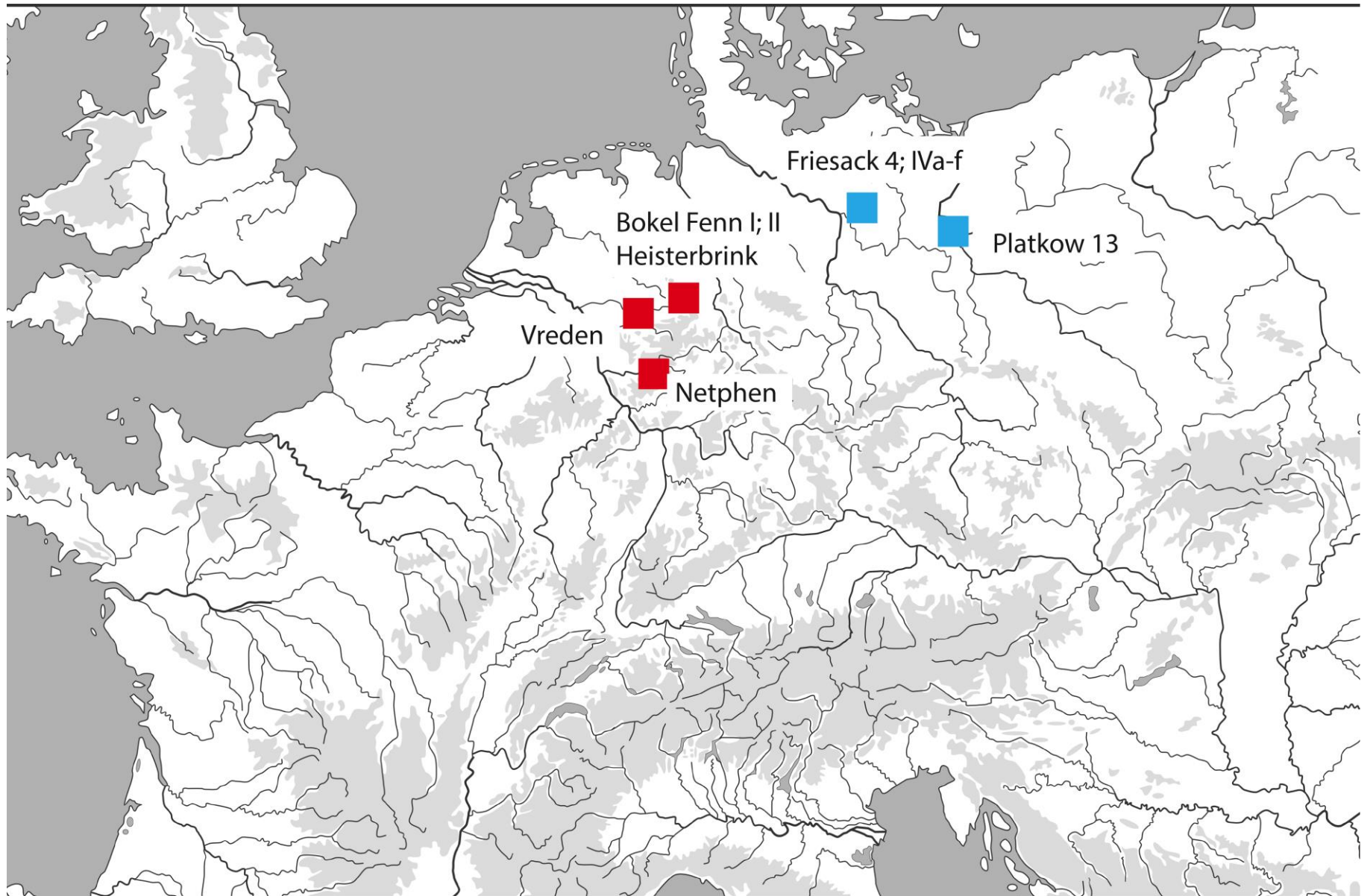
Bokel Fenn I and II – Werner Schön and Birgit Gehlen

Vreden – Werner Schön and Birgit Gehlen

Netphen – Nele Schneid and Birgit Gehlen

Friesack 4 – Birgit Gehlen, Ingrid Koch, Anna-Leena Fischer
and Nele Schneid

Platkow 13 – Maha Ismail-Weber and Birgit Gehlen

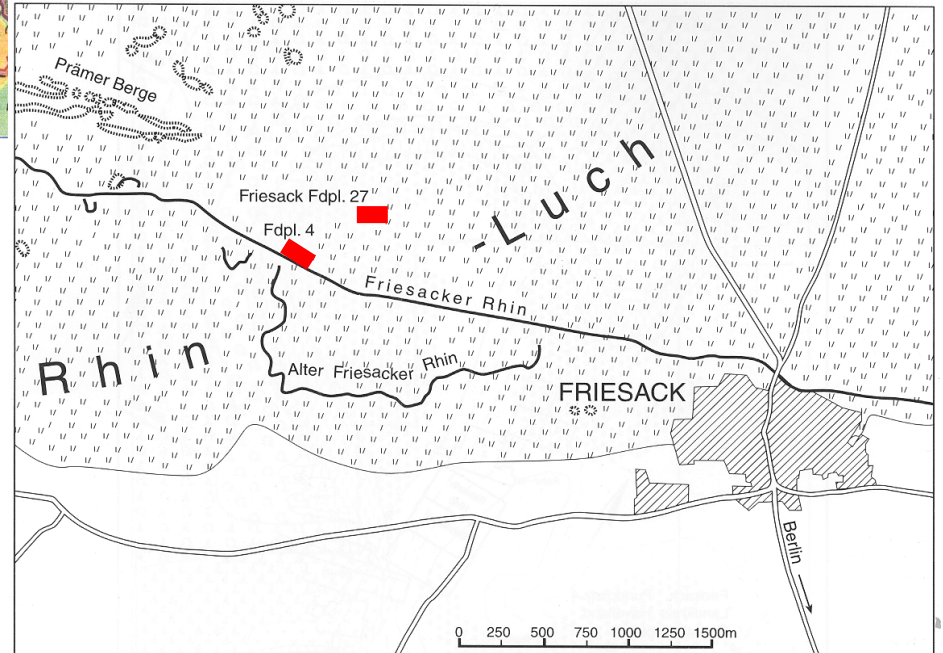
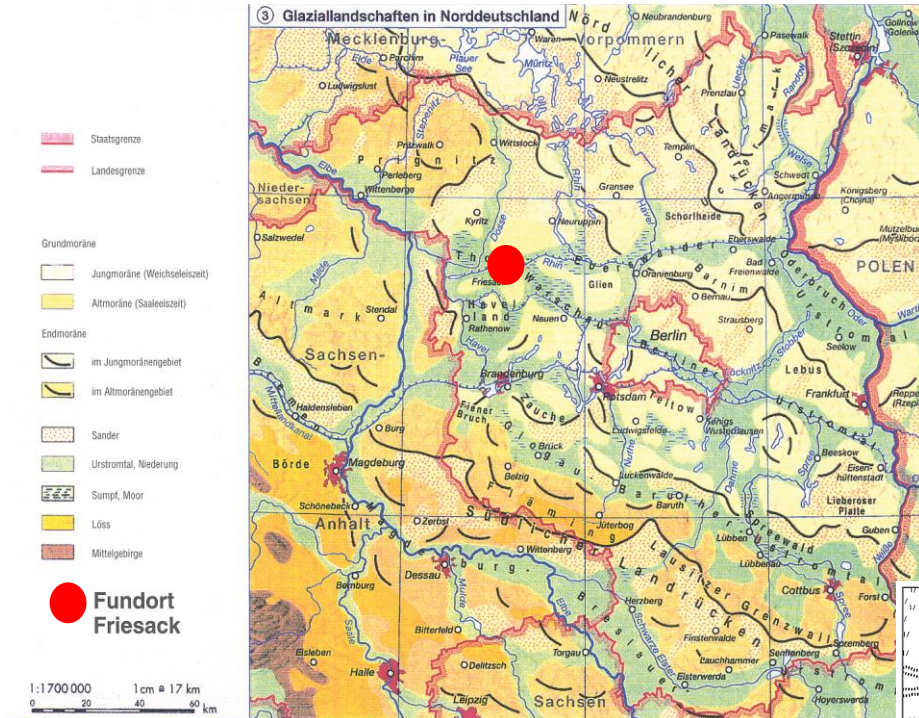


Friesack 4, Havelland, Brandenburg

Friesack 4 und 27

im Warschau-Berliner Urstromtal

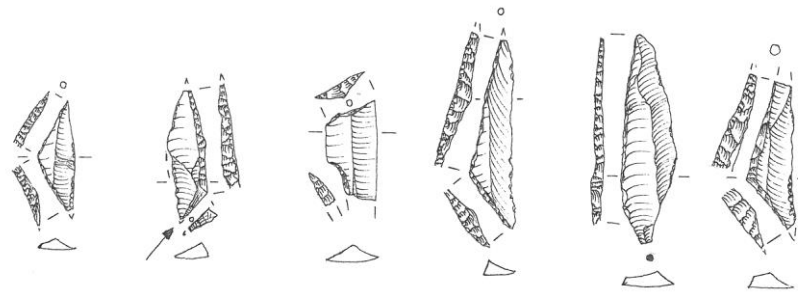
aus Gramsch 2000



Friesack 4 und 27

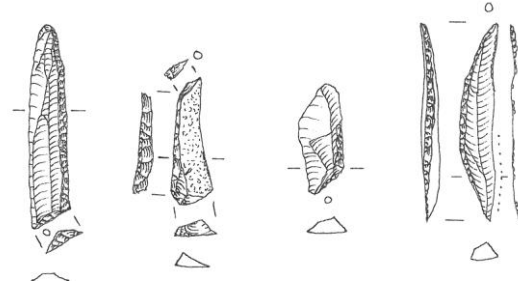
im Rhinluch nordöstlich der Stadt Friesack

Friesack 4, Havelland, Brandenburg



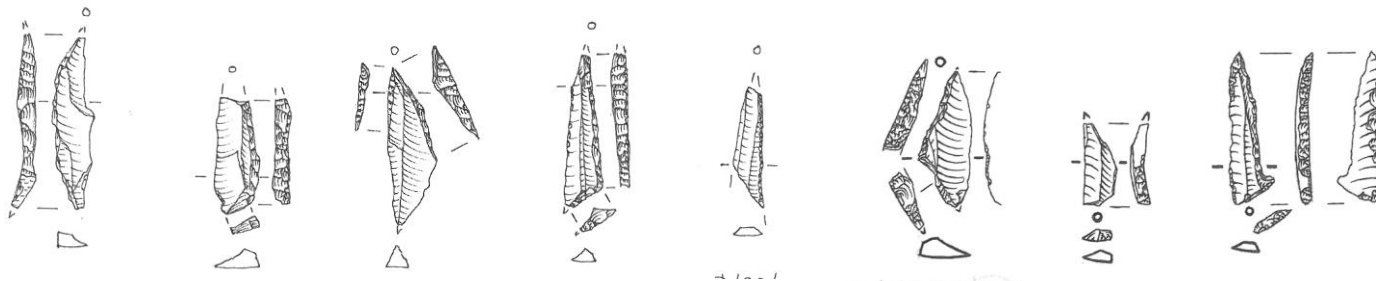
IV a

7100 calBc



IV b

7100 calBc

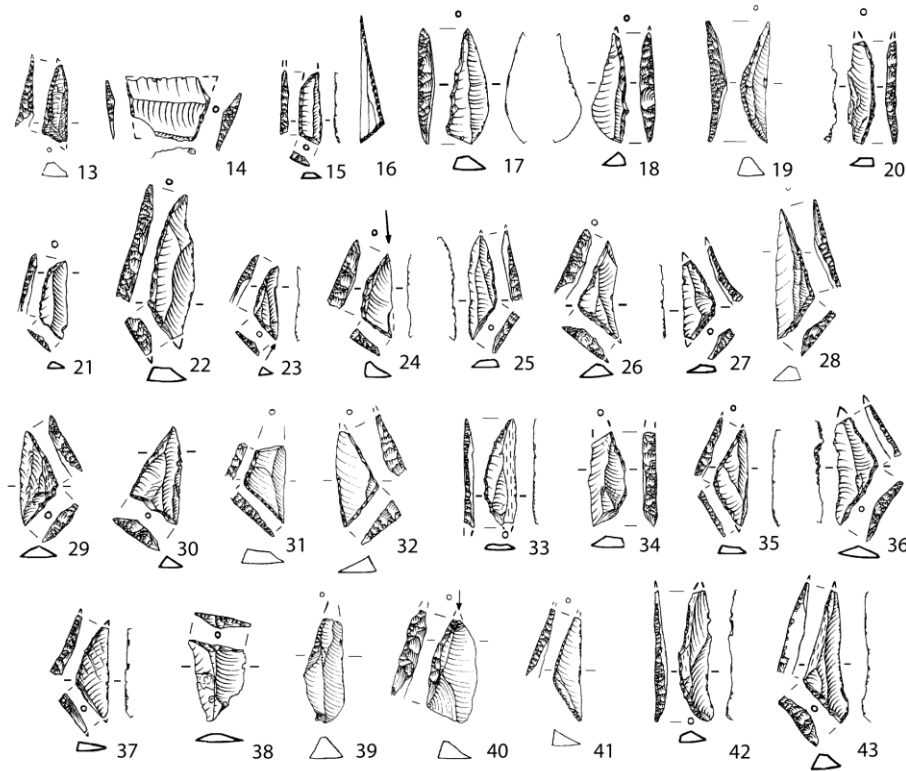


IV c

6900 calBc

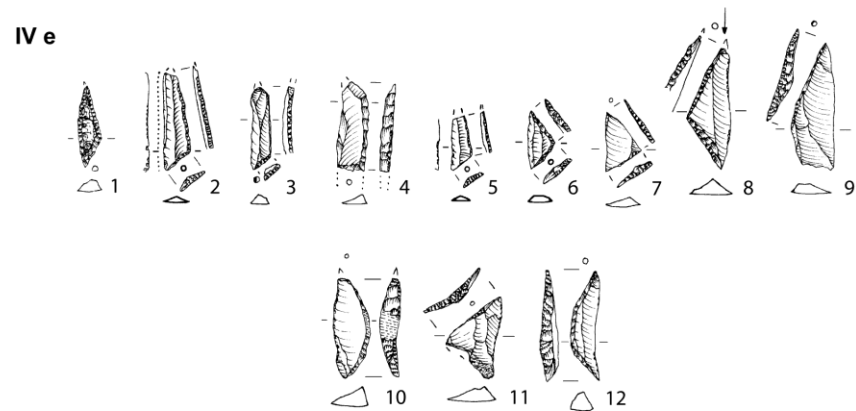
D/HS 13510

Friesack 4, Havelland, Brandenburg



IV f

6400 calBc

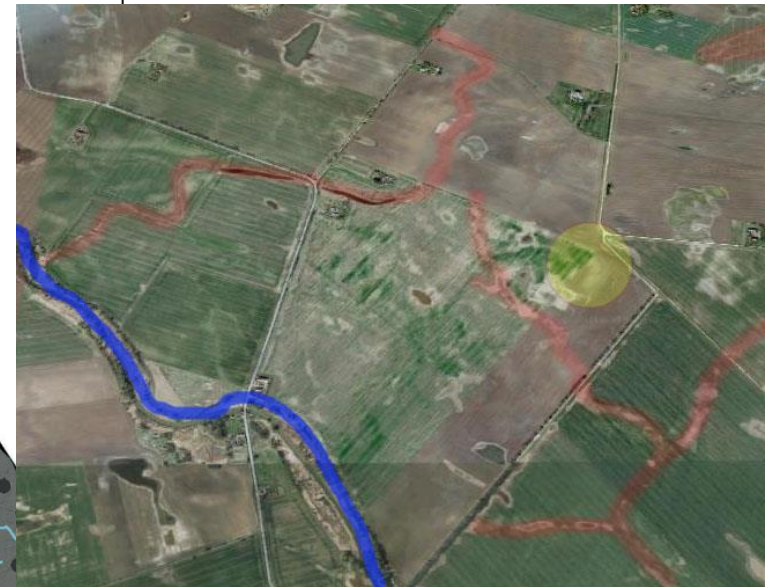
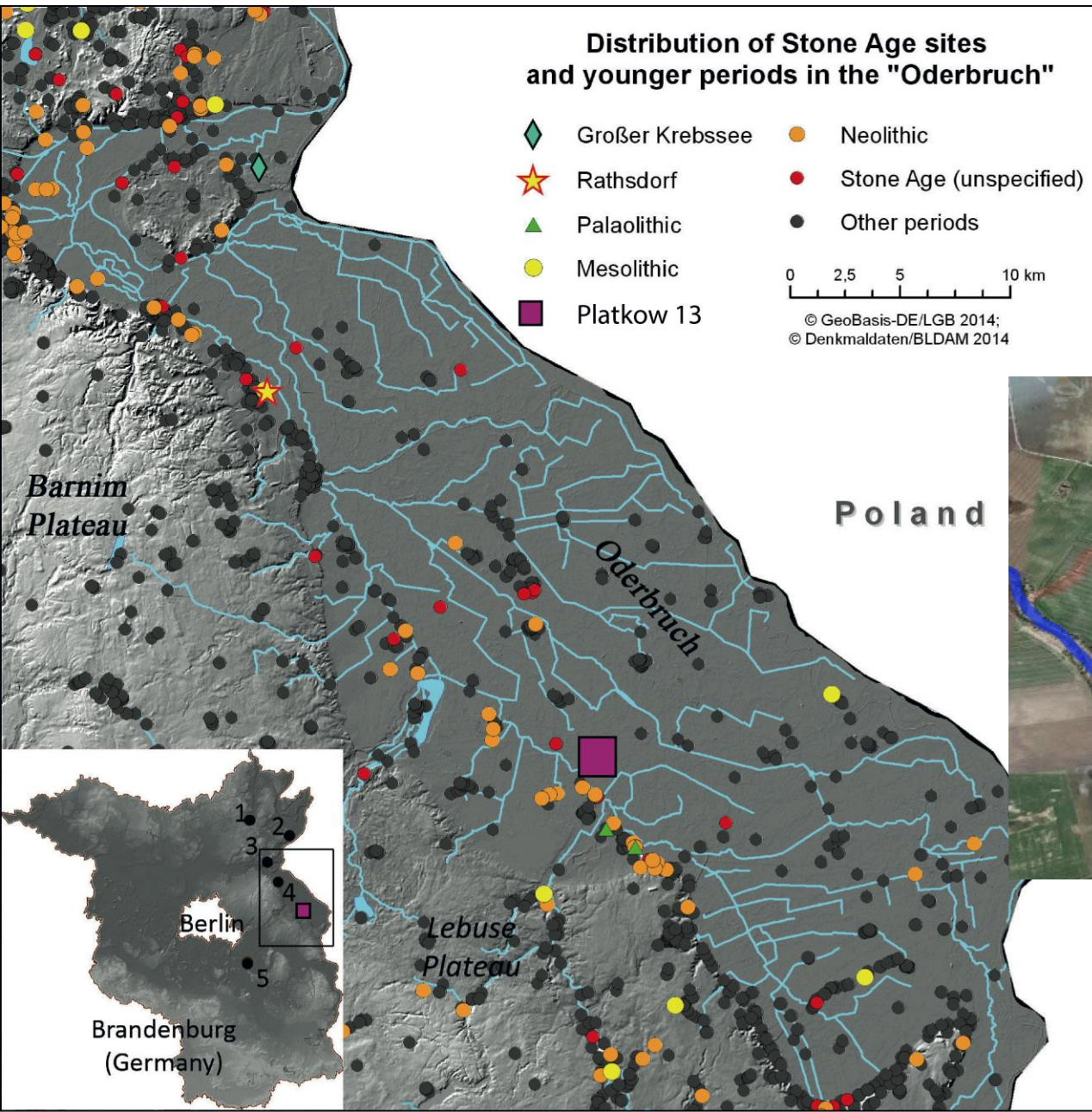


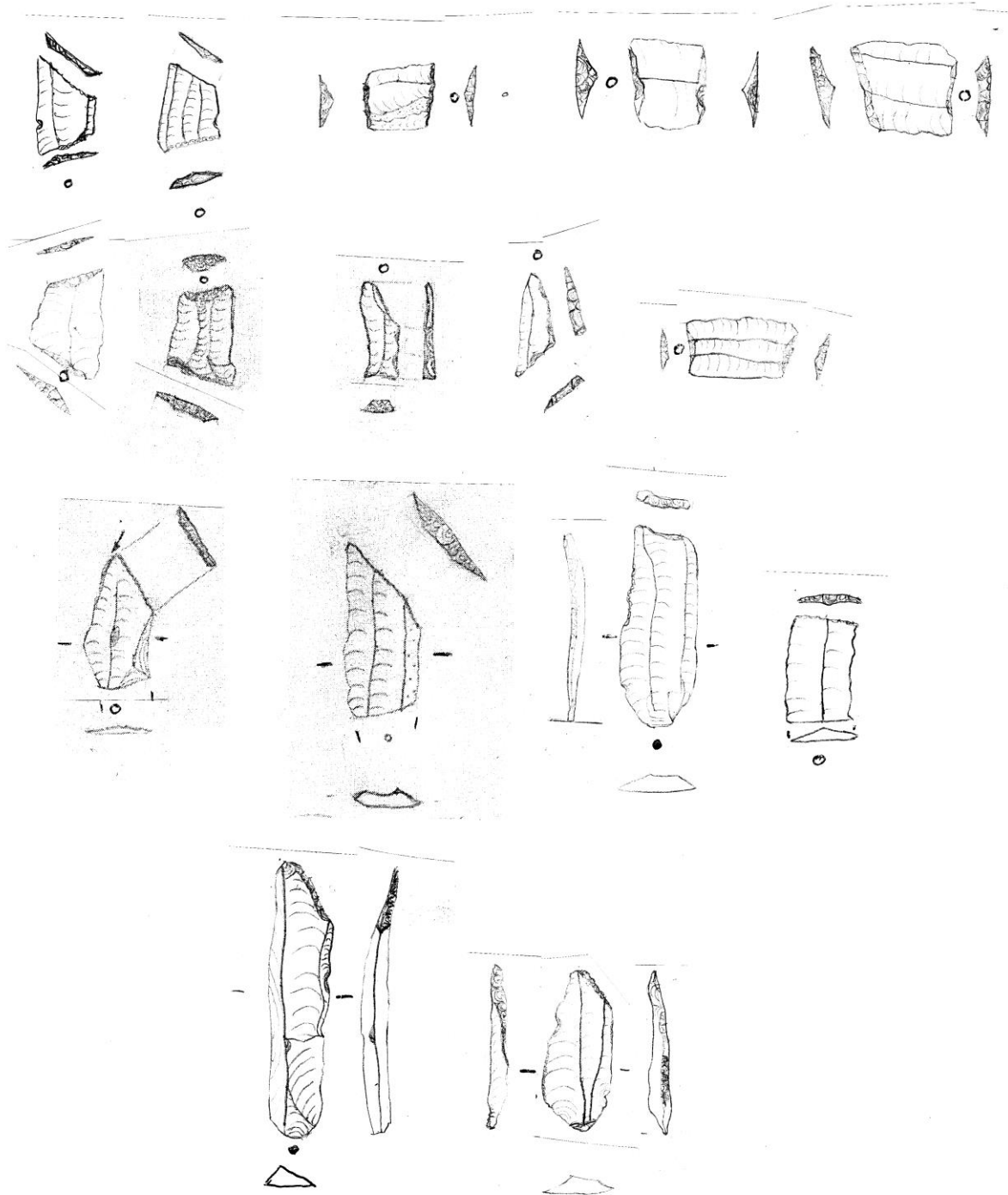
IV e

IV e

6600 calBc

Platkow 13, Oderbruch, Brandenburg





Platkow 13

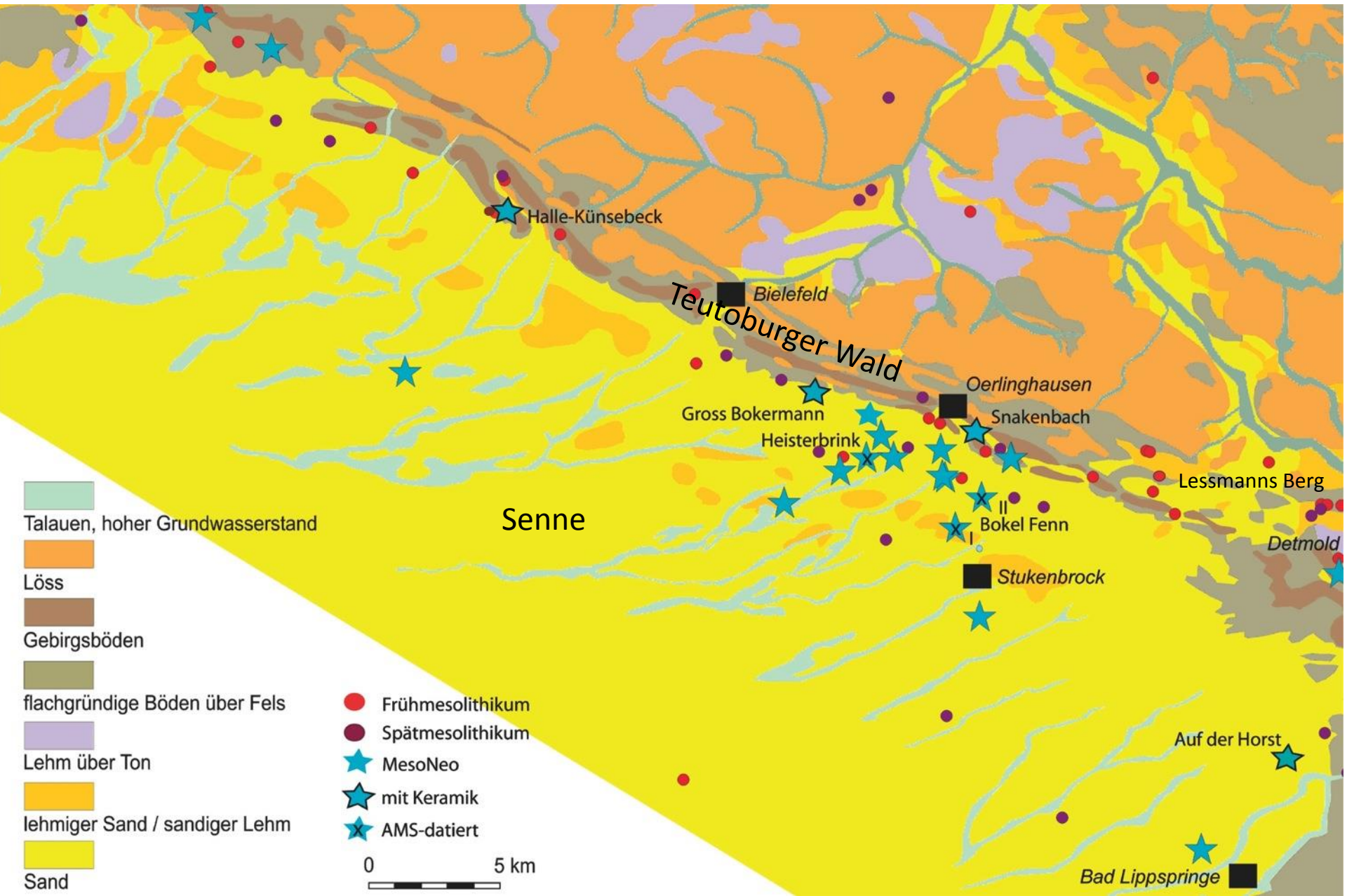
Mikroliths and Truncated Blades

Drawings: Maha Ismail-Weber

Late and Final Mesolithic Sites in Westphalia

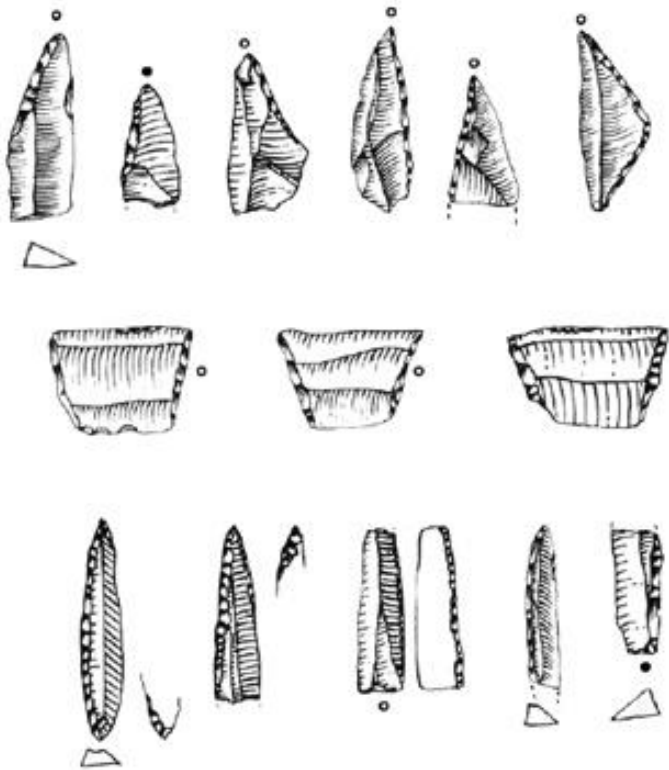


Mesolithic sites and sites with pottery in the Senne, the Teutoburger Wald and the neighbouring Loess region



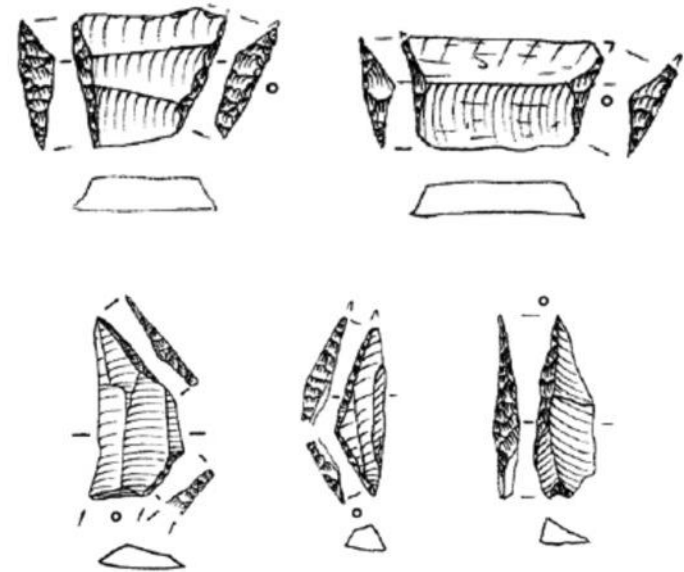
Late Mesolithic type ‚Retlager Quellen‘

approx. 6200 – 5000 calBC (not dated in Westphalia)



Arora 1985

Retlager Quellen, Kr. Lippe



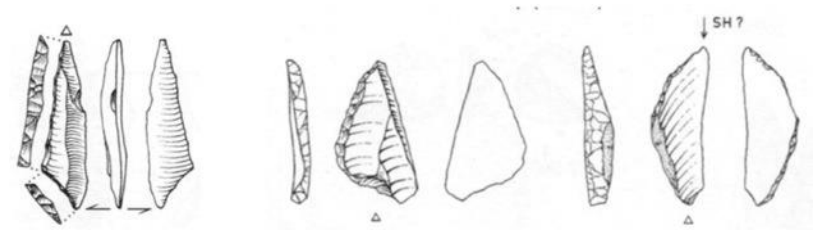
Banghard/Gehlen 2013

Lessmanns Berg, Kr. Lippe

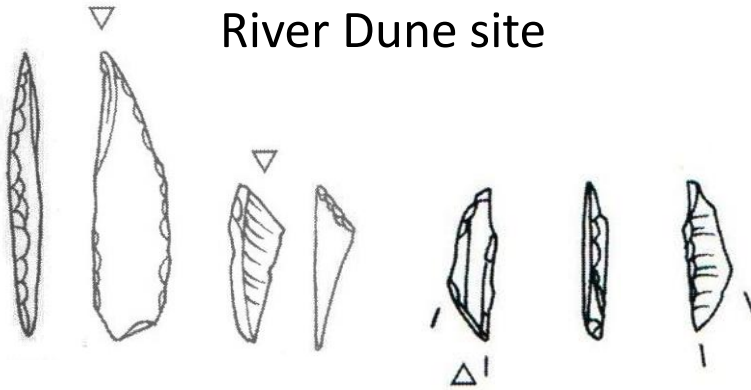
Late Mesolithic ,Hardinxveld-Polderweg' / ,S83'

Polderweg, fase 1, approx. 5450 – 5350 calBC,
contemporaneous to LBK

,Swifterbant S83',
approx. 5300 – 5100 calBC,
contemporaneous to LBK



River Dune site

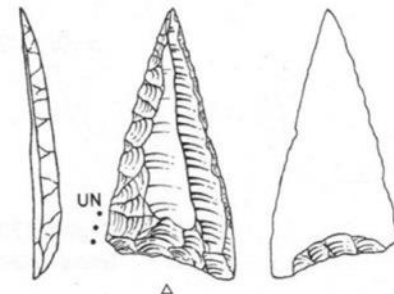


Devriendt 2013

Levee site



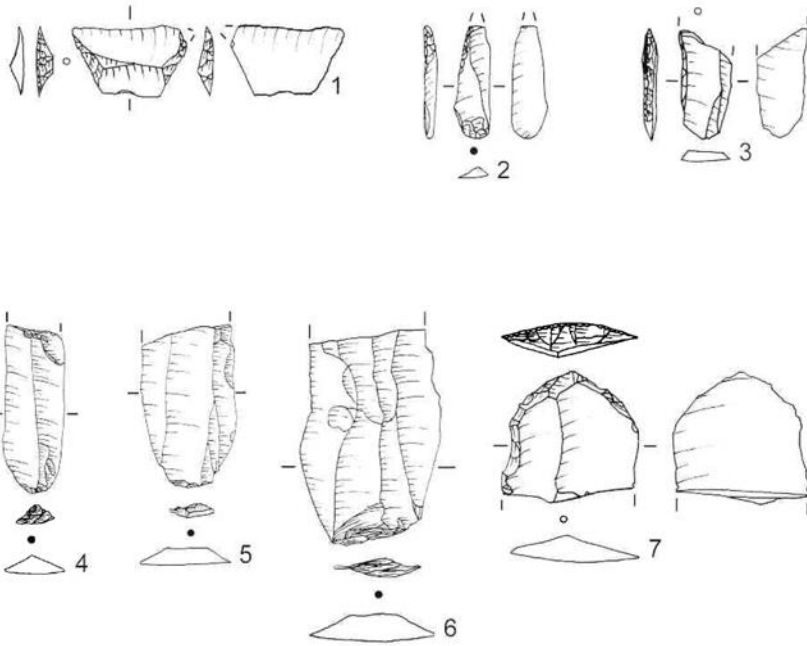
Louwe-Kooijmans et al. 2001



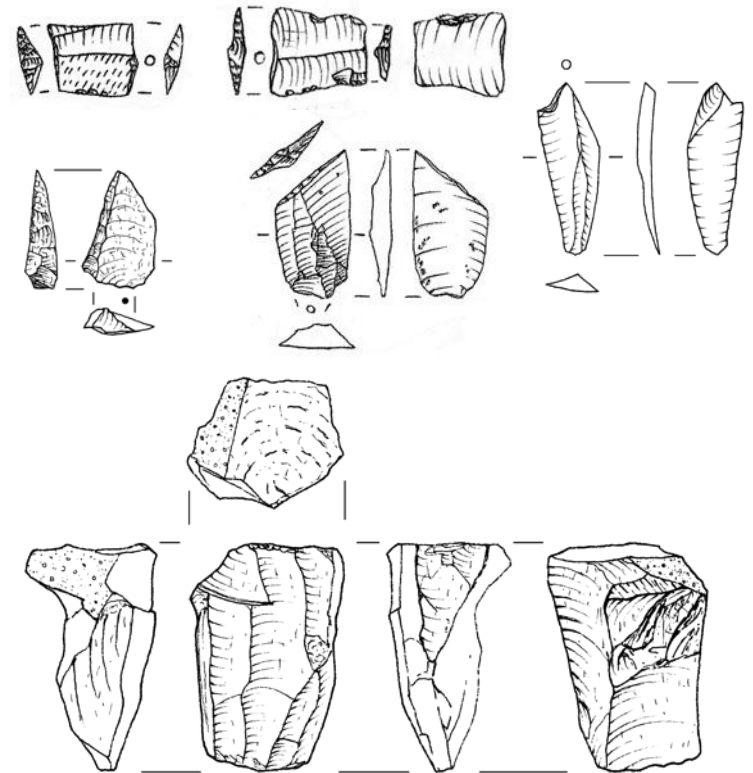
Late Mesolithic

5000-4900 calBC

Site on aeolian sand dune



Vreden, Kr. Borken



Heisterbrink, City of Bielefeld

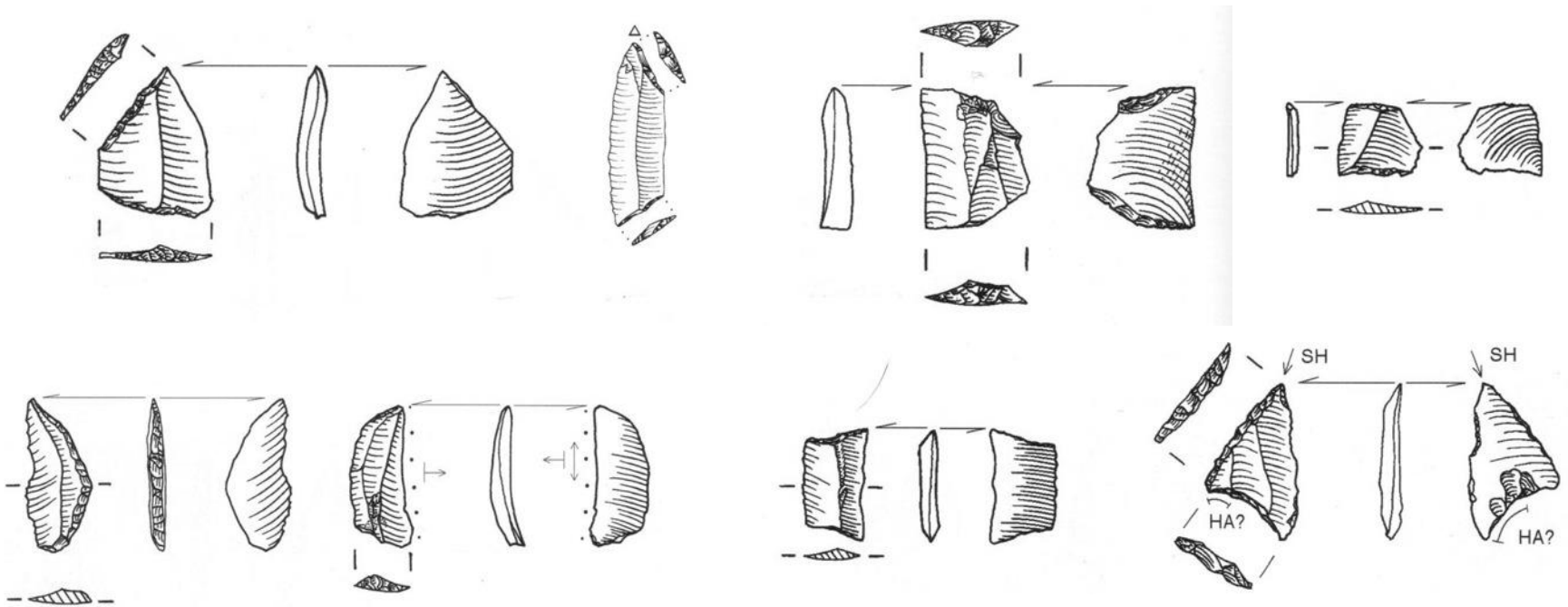
Stapel 2013

Drawings: Birgit Gehlen/Anja Rüschemann

Early Swifterbant ,Hardinxveld-Polderweg‘

Polderweg, fase 2, approx. 5000 – 4600 calBC
ceramic and contemporaneous to the Middle Neolithic

Levee site

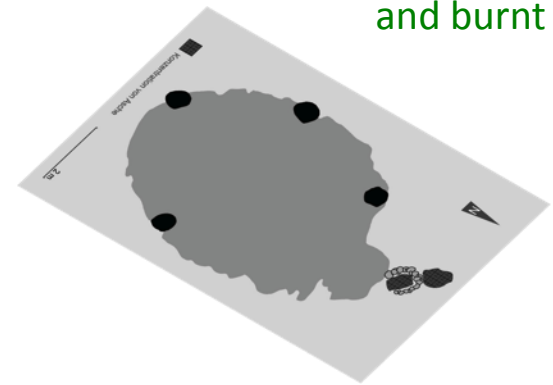




Photos H. Diekmann
Archive Archäologisches Freilichtmuseum Oerlinghausen

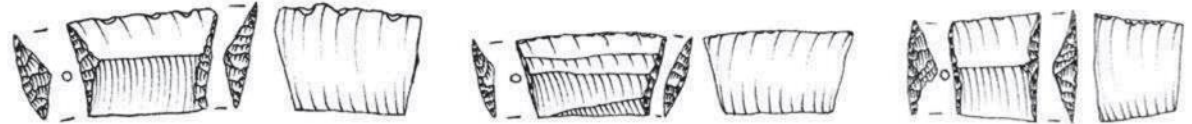
feature (potential dwelling)
with charcoal, ash
and burnt stones

Oerlinghausen-Lipperreihe „Bokel Fenn II“, Kr. Lippe Senne, excavation Diekmann 1934



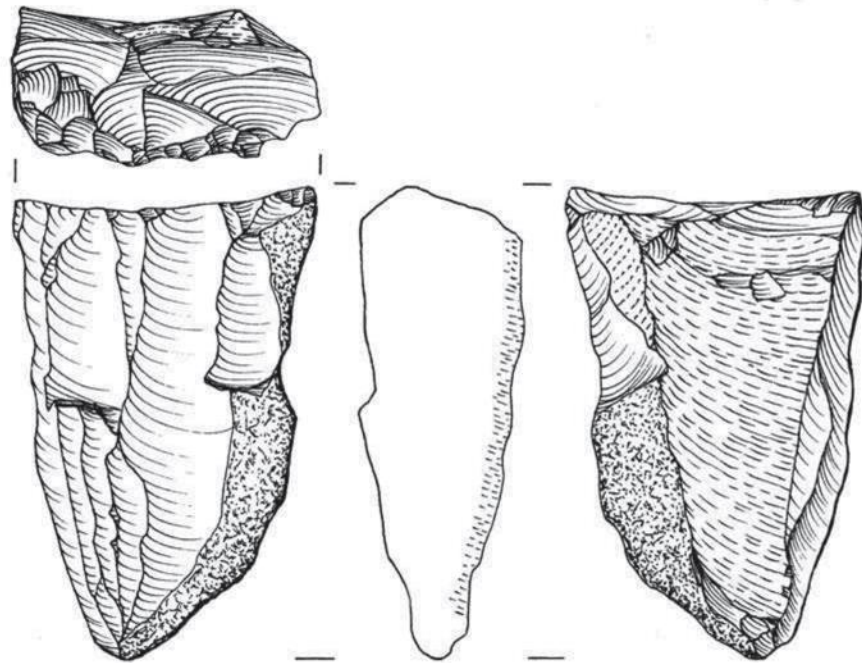
Graph from: Banghard & Gehlen 2013

„Bokel Fenn II“, Kr. Lippe



„Bokel Fenn II“
approx. 4300 calBC
contemporaneous to
Epirössen and the Younger Neolithic

Site on aeolian sand dune

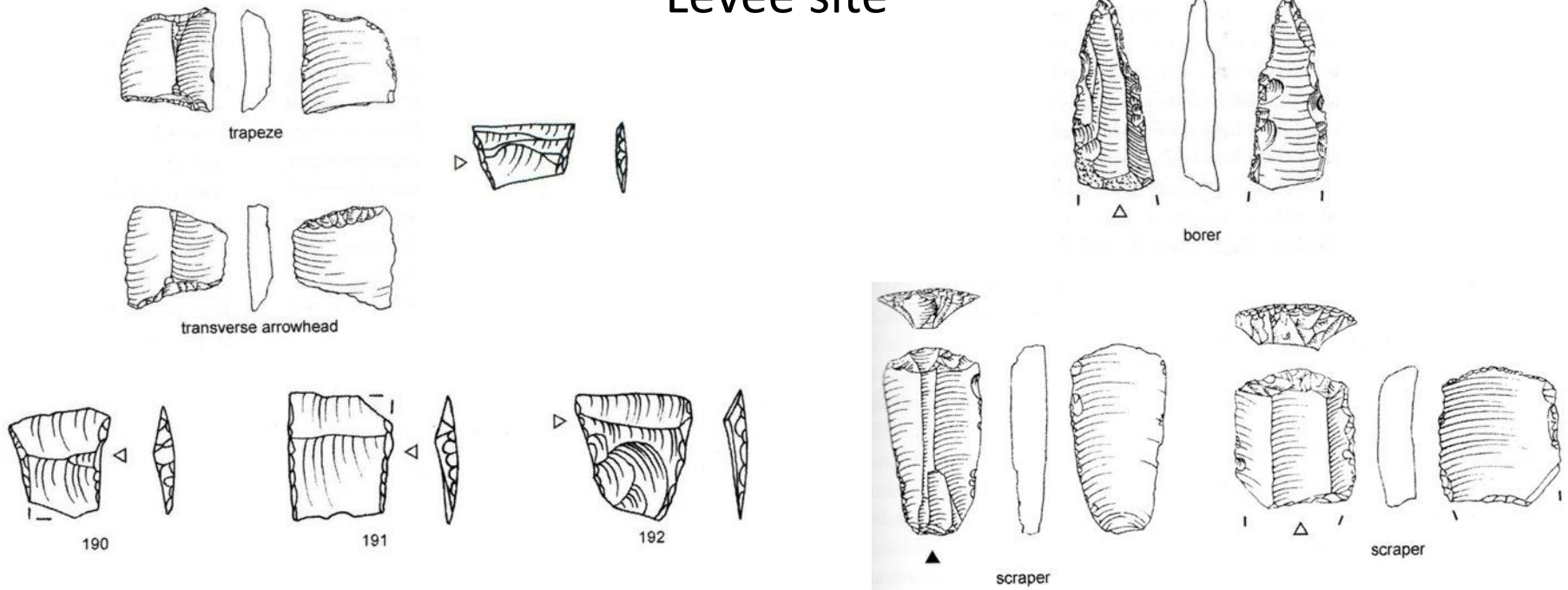


Middle Swifterbant site ,S2‘

,Swifterbant S2‘, approx. 4600 – 3900 calBC

ceramic and contemporaneous to the Middle and the Young Neolithic

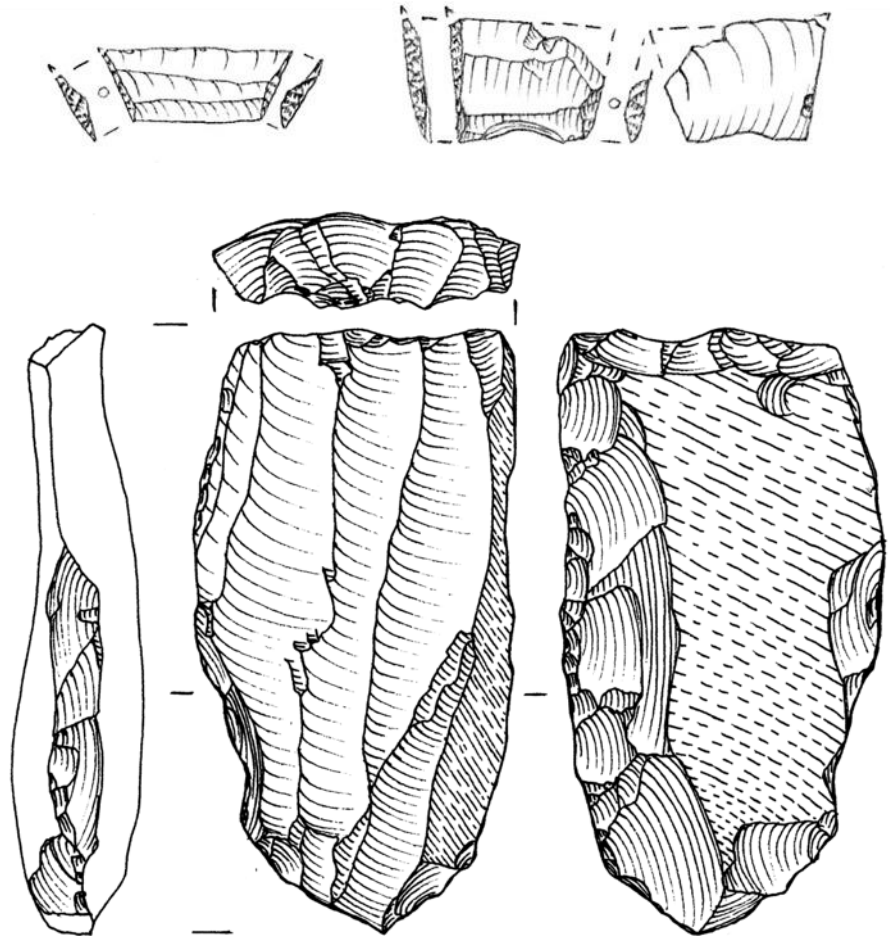
Levee site



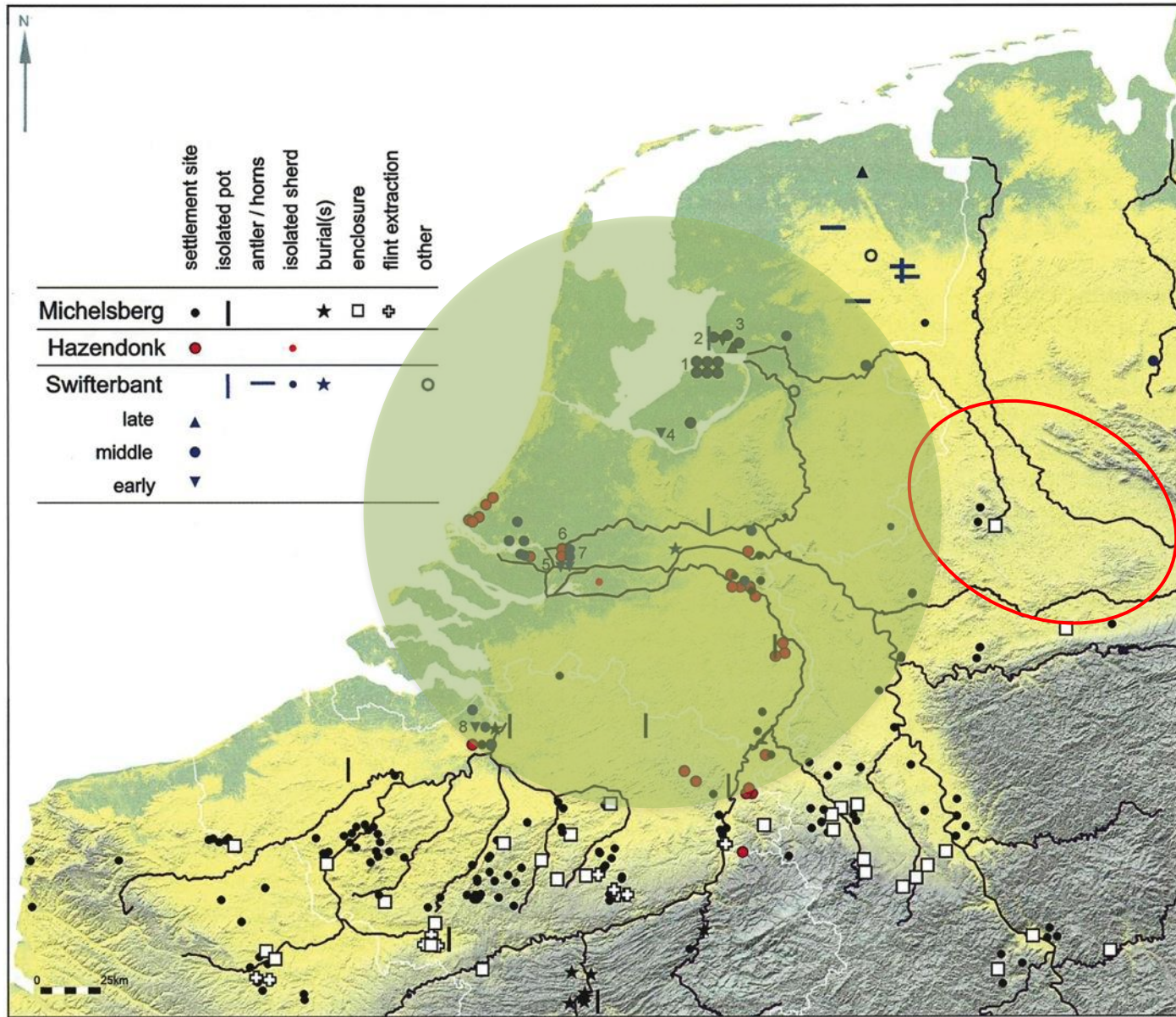
„Bokel Fenn I“, Kr. Lippe, Westphalia

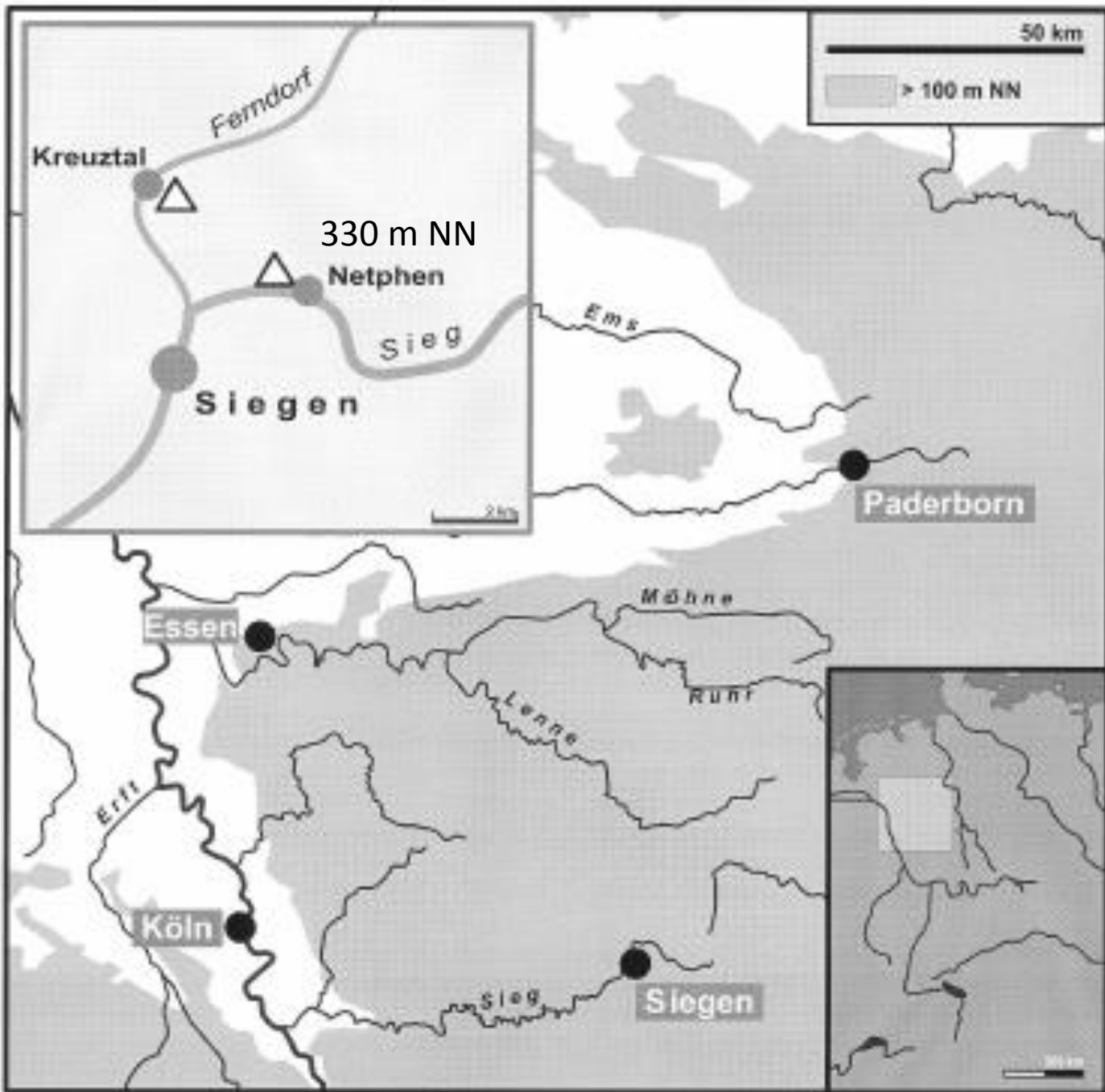
„Bokel Fenn I“
approx. 3100 calBC,
contemporaneous to
the Late Neolithic

Site on aeolian sand
dune

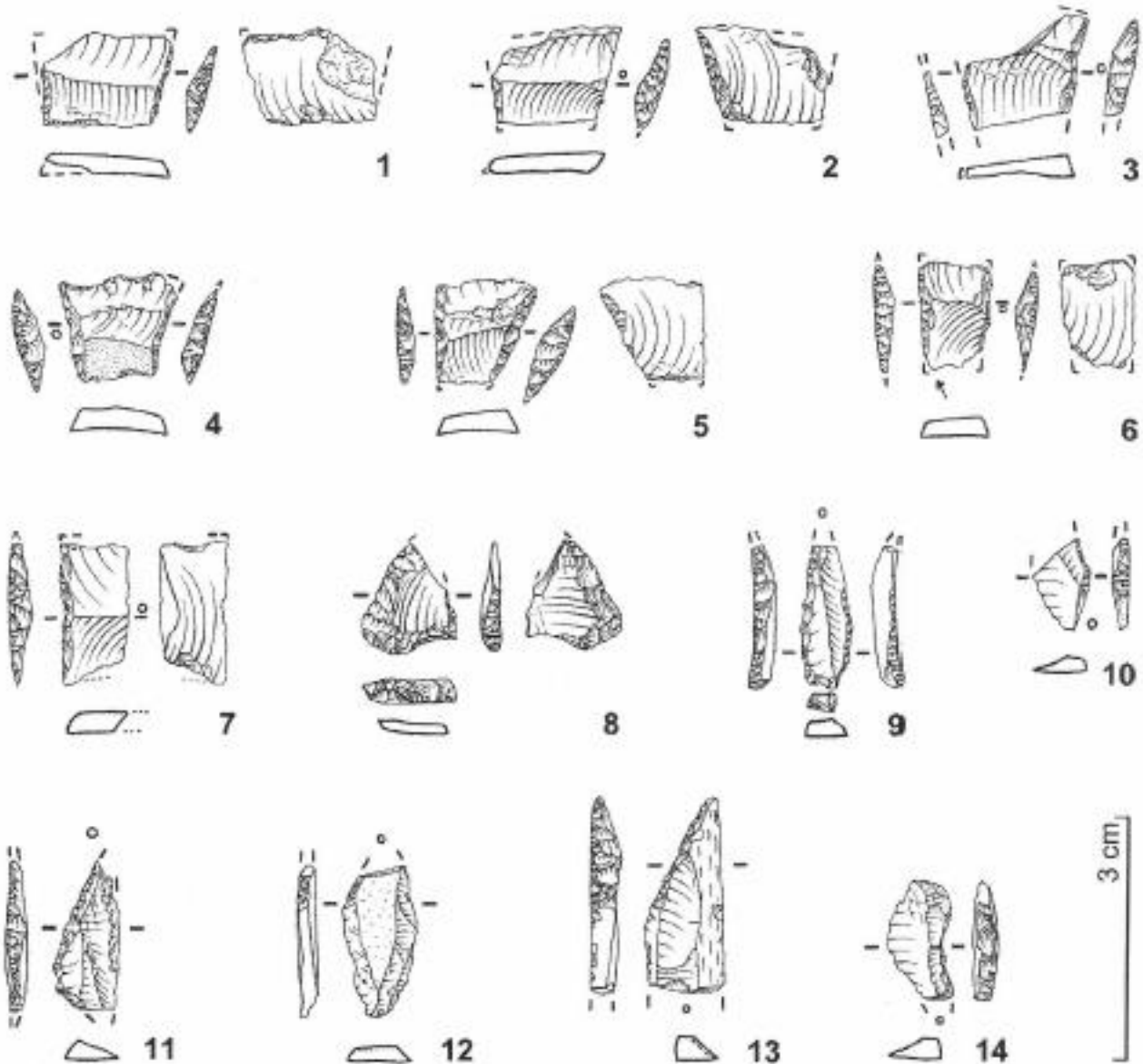


Swifterbant sites and Neolithic context in the Lower Rhine basin

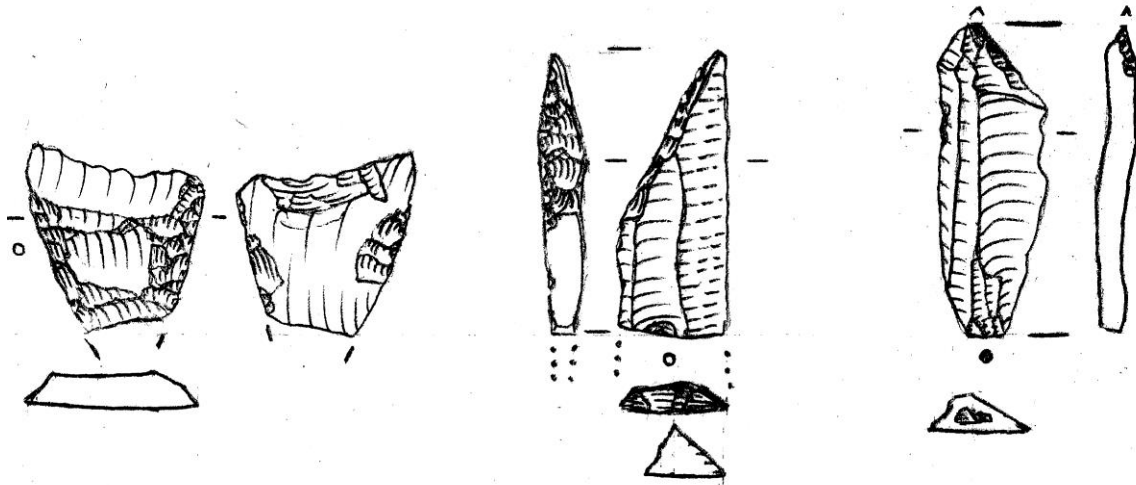




Netphen / Dreis-Tiefenbach, Siegerland, Westphalia

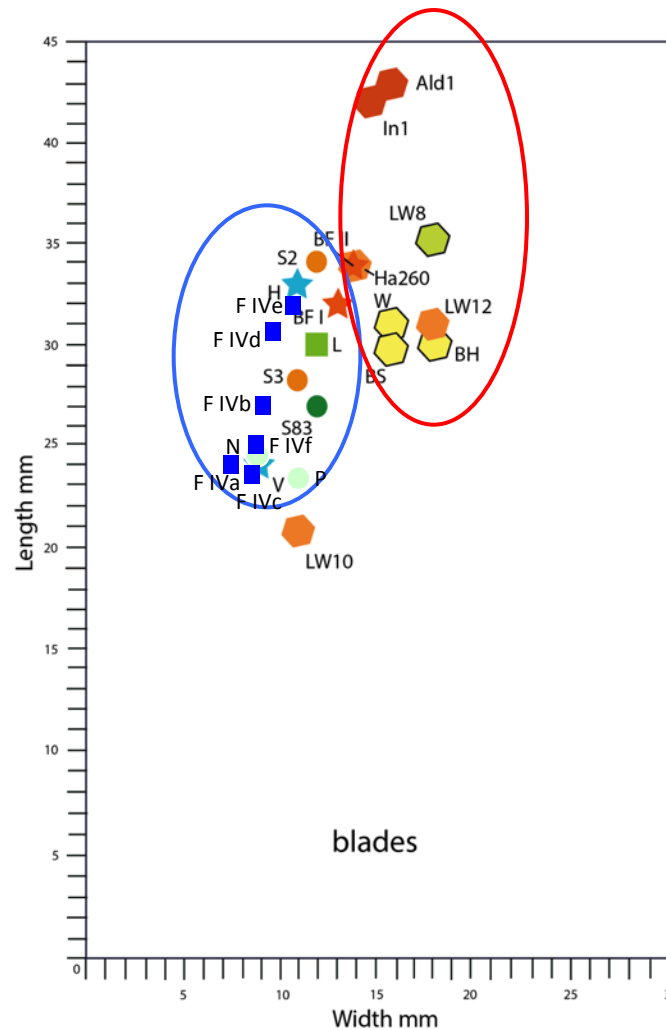
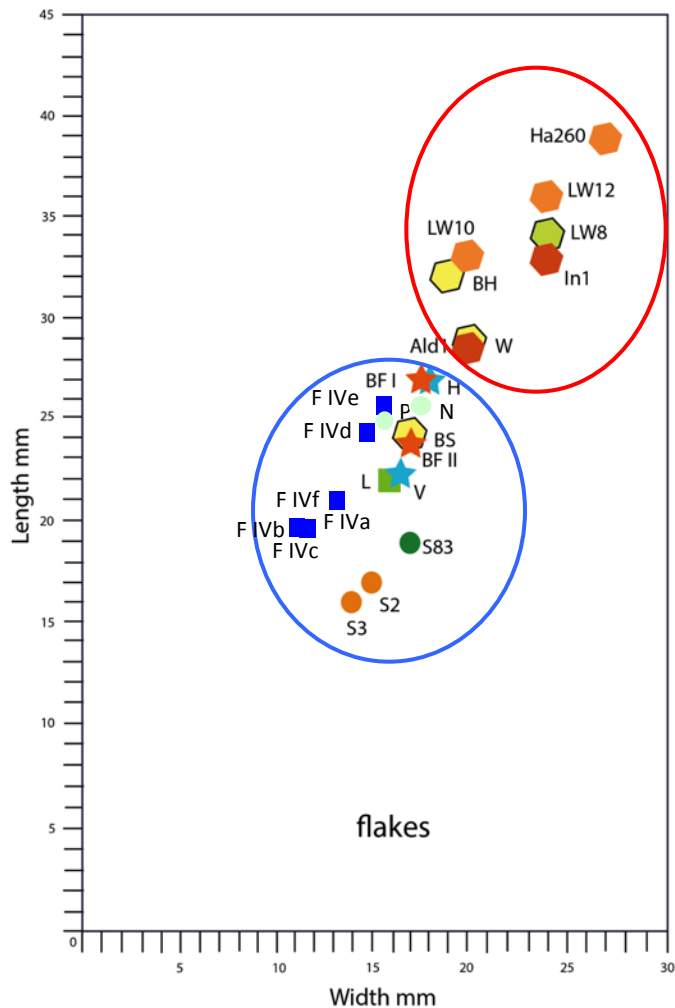


Netphen / Dreis-Tiefenbach, Siegerland, Westphalia

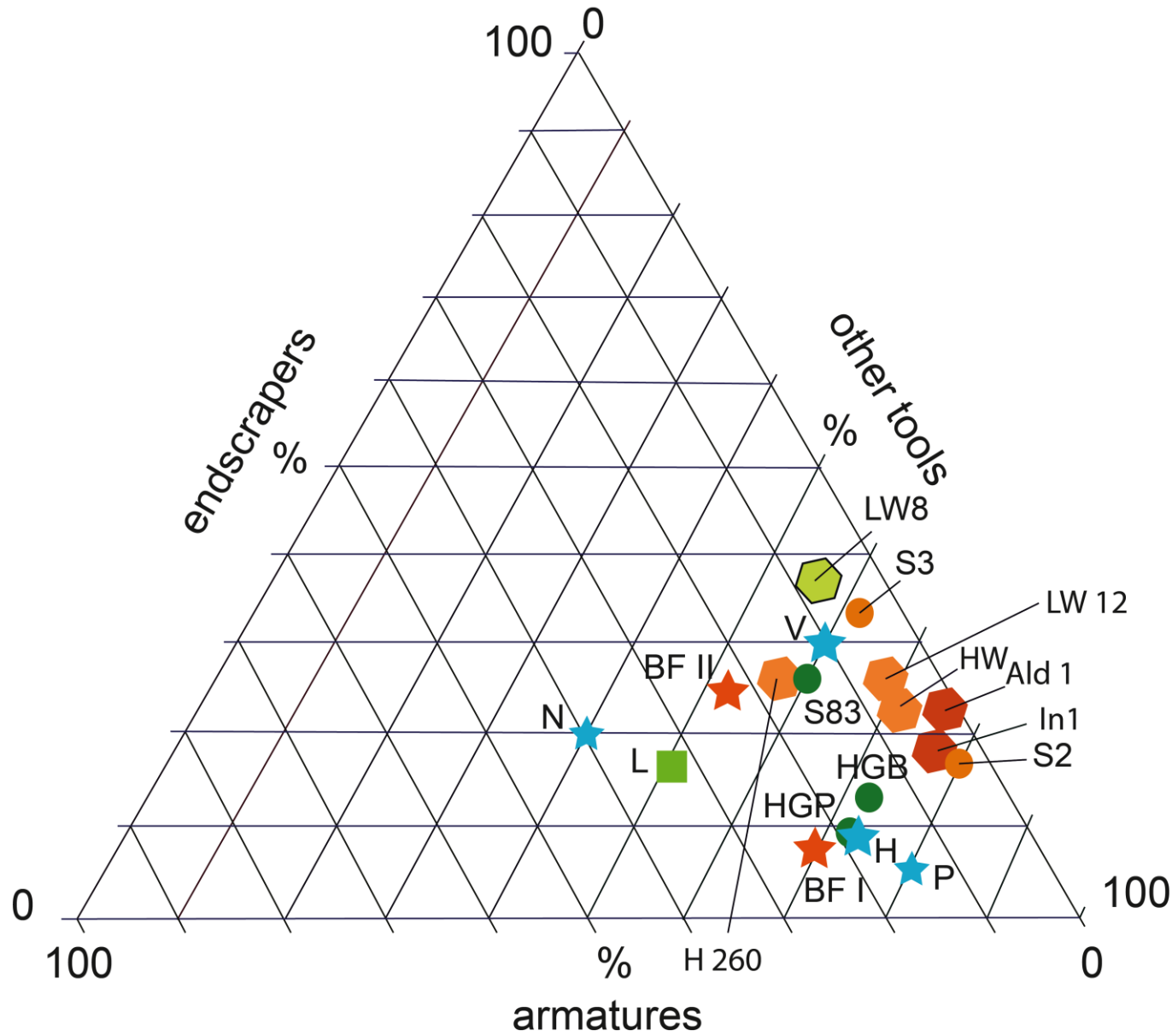


Trapeze and truncated blades from baltic Flint

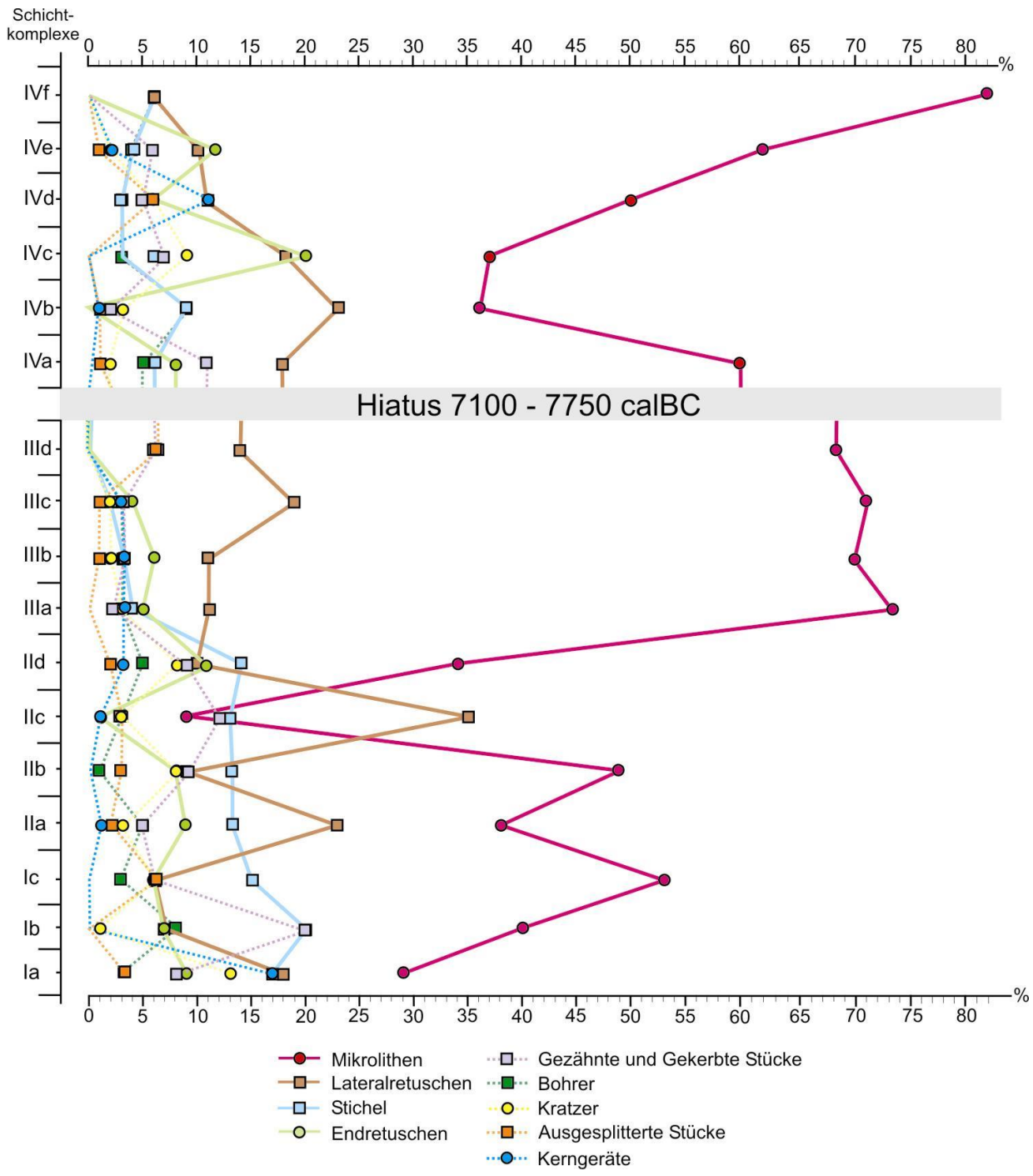
Averages of lengths and widths of flakes and blades from Mesolithic/Swifterbant and Neolithic sites



- Late Mesolithic Retlager Quellen type „Lessmanns Berg“
- Swifterbant early „S 83“
- ★ Final Mesolithic early „Vreden“ / „Heisterbrink“
- Swifterbant middle „S 2“ / „S 3“
- ★ Final Mesolithic late „Bokel Fenn I“ / „Bokel Fenn II“
- ⬡ LBK distributor „Langweiler 8“
- ⬡ LBK reciever „Bochum-Hiltrop“ / „Werl“ / „Bad Sassendorf“
- ⬡ Groß Gartach „Langweiler 10“ / „Langweiler 12“ / „Hambach 260“
- ⬡ Rössen „Aldenhoven 1“ / „Inden 1“
- Friesack 4, Early Late Mesolithic
- Platkow 13 / Netphen Final Mesolithic



- Late Mesolithic
Type Retlager Quellen
Lessmanns Berg
- Swifterbant Early
Hardinxveld-Giessendam
Polderweg / De Bruin / S 83
- ★ Final Mesolithic Early
Vreden / Heisterbrink /
Netphen / Platkow 13
- Swifterbant Late
S 2 / S 3
- ★ Final Mesolithic Late
Bokel Fenn I / II
- ⬡ LBK Distributor
Langweiler 8
- ⬡ Groß Gartach
Hasselsweiler / Langweiler 12
Hambach 260
- ⬡ Rössen
Aldenhoven 1 / Inden 1



Schichtkomplexe

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 %

IVf
IVe
IVd
IVc
IVb
IVa

Hiatus 7100 - 7750 calBC

IIIe
IIId
IIIc
IIIb
IIIa
IIId
IIc
IIb
IIa
Ic
Ib
Ia

0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 %

- Mikrolithen
- Lateralretuschen
- Stichel
- Endretuschen
- Gezähnte und Gekerbte Stücke
- Bohrer
- Kratzer
- Ausgesplitterte Stücke
- Kerngeräte

calBC

3100

Bokel Fenn I

4300

Bokel Fenn II

Platkow 13

Netphen

4900

Vreden

5000

Heisterbrink

Lessmanns Berg

6600

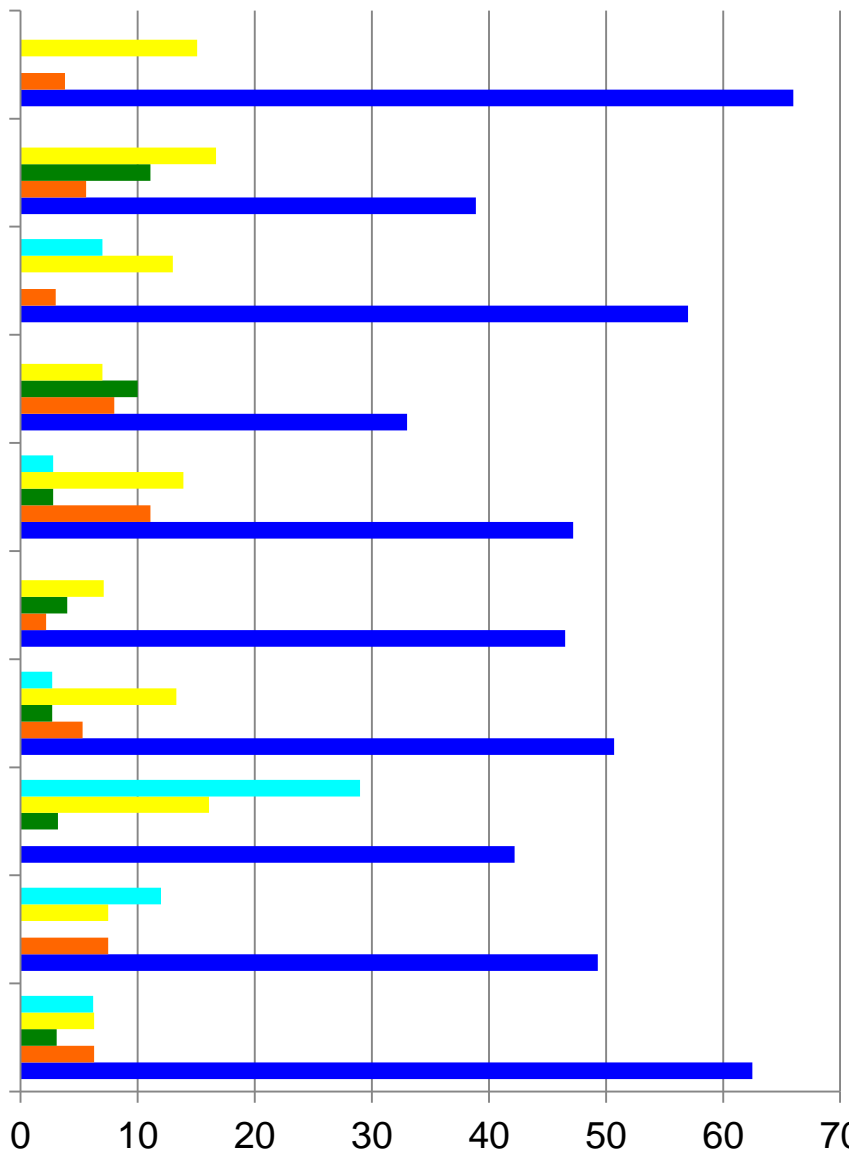
Friesack 4, IVe

6900

Friesack 4, IVc

7100

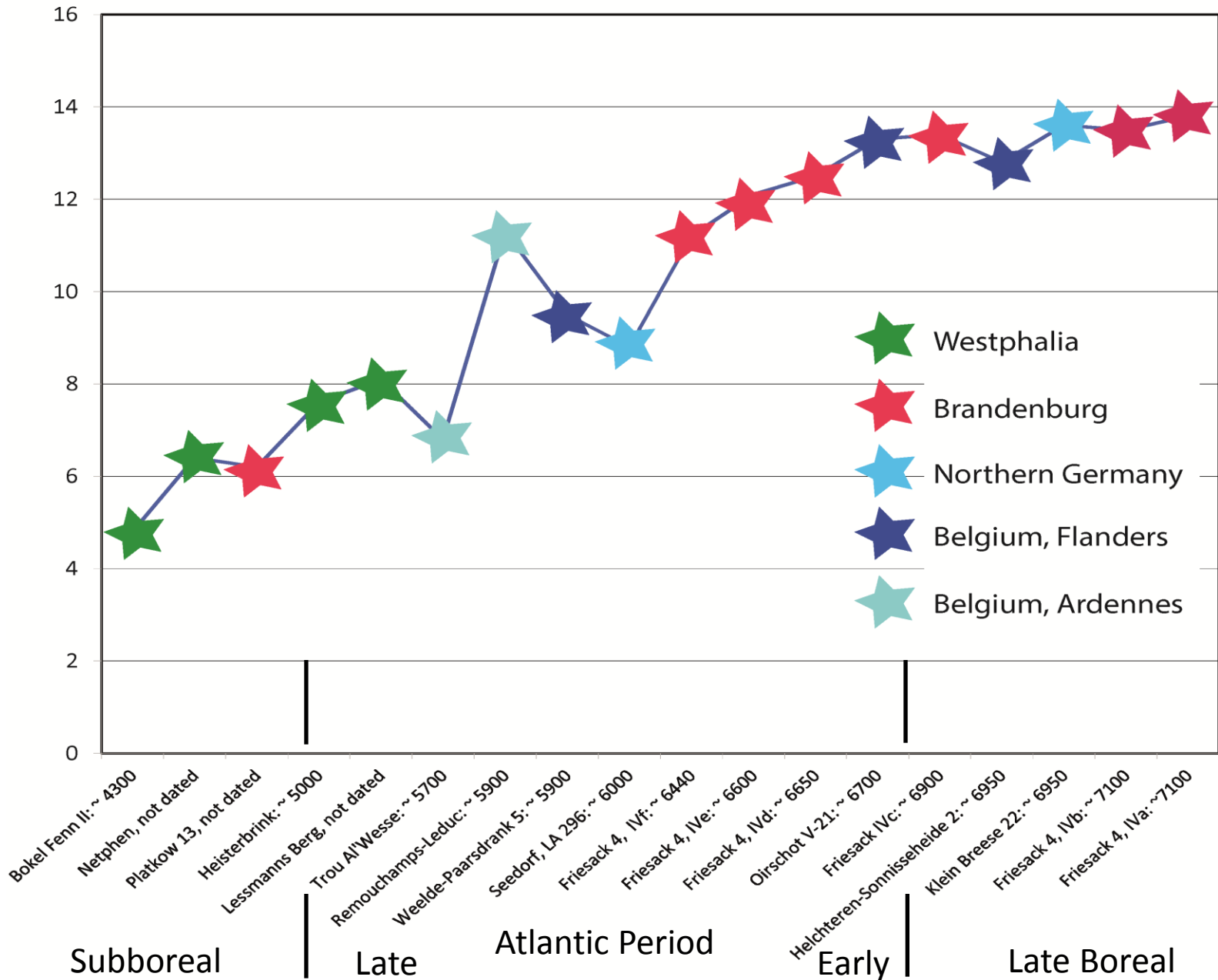
Friesack 4, IVa



- Abrasion
- sekundär facettiert
- primär facettiert
- natürliche Fläche
- glatt

%

Chronological setting of the discussed assemblages



Thank You

LWL Archäologie für Westfalen

Prof. Dr. Michael Baales

Dr. Bernhard Stapel

Dr. Elke Treude

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Dr. Bernhard Gramsch

Prof. Dr. Franz Schopper